



Stantec

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July 7, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
COVINGTON COMMUNICATIONS
ONE POLICE MEMORIAL DR
COVINGTON, KY 41014**

The Geospatial Audit of COVINGTON COMMUNICATIONS located in KENTON County was conducted on 6/20/2008. COVINGTON COMMUNICATIONS provides wireless 9-1-1 service for City of Covington only.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by COVINGTON COMMUNICATIONS does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 65% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 0% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 65% of points tested meeting criteria
Wireless Data Component	<u>Does not meet audit criteria with</u> 0% of calls tested meeting criteria

Based on the results of the audit, COVINGTON COMMUNICATIONS does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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Attachment: Report Details

c. Files

PSAP Mapping Component Summary

PSAP Name COVINGTON COMMUNICATIONS

Address ONE POLICE MEMORIAL DR **Audit Date** 6/20/2008

City COVINGTON **Audit Personnel** MCCORMICKS

Contact William B. Maurer

Contact Title Captain, Records and Technical Services

<u>Software</u>	<u>Version</u>	<u>Vendor</u>
MAVERICK 911 MAPPED	4.3	911 MAPPING SYS

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☐

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

The Map software is Maverick 911Mapped ALI, the version is 4.3 and the vendor is 911 Mapping System Inc. The map has 30 layers: Evacuations, Labels, Routing, Closed Streets, One-Way Streets, Searches, Units, Incidents, KC Streets, BC Streets, CC Streets, Cin Streets, the following sectors: 1a,1b, 1c, 1d, 1e, 2a, 2b, 2c, 2d, 3a, 3b, 3c, 3d, 4a, 4b, 4c, 4d, 4e, 5a, 5b, 5aa, City Boundaries, Airport Runways, River

Notes and Observations:

The data for the map and the wireless calls were obtained by Sandy Judd

Observation and comments: (1) The CAD and Map are not tied together. (2) ALI does not feed the CAD. (3) CAD appears to be more up to date and more accurate than the Map. (4) This PSAP was scheduled to be closed this year and combined into another PSAP. However due to a law suite file in federal court, a federal judge has ordered to remain in operation until the law suite can be heard. (5) Present employees have a union contract that remains in effect until the year 2010. The City is maintaining the system on a limited bases until a solution to eliminate the PSAP can be found. (6) The map does not automatically plot with incoming wireless calls, the dispatcher must enter Lat/Long coordinated to get the position on the map. (7) Dispatchers pay little attention to the map because the information form the wireless carries is not accurate.

The Map was last updated within the last year and the frequency is as needed. The information is supplied by Northern Kentucky Area Planning Commission. Greg Jones the communication office enters the data into the system.